

FIG. 1A

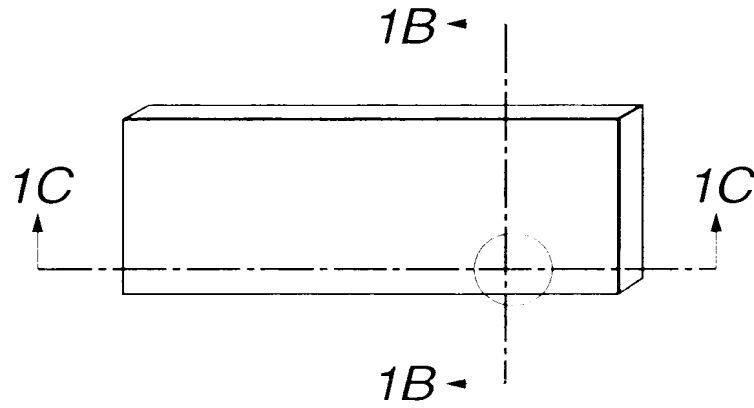


FIG. 1B

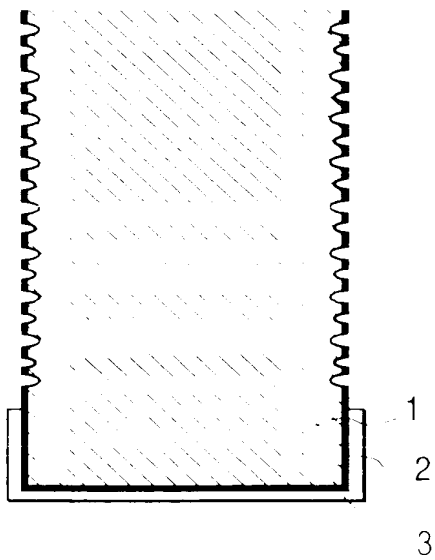


FIG. 1C

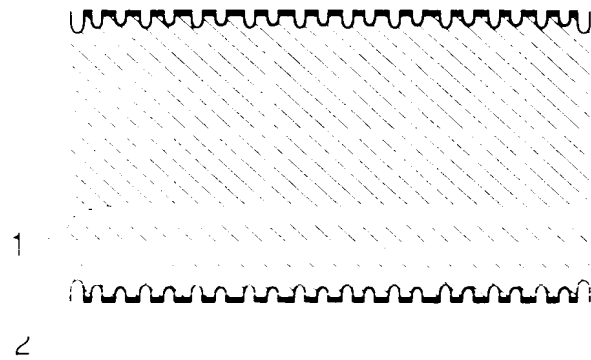
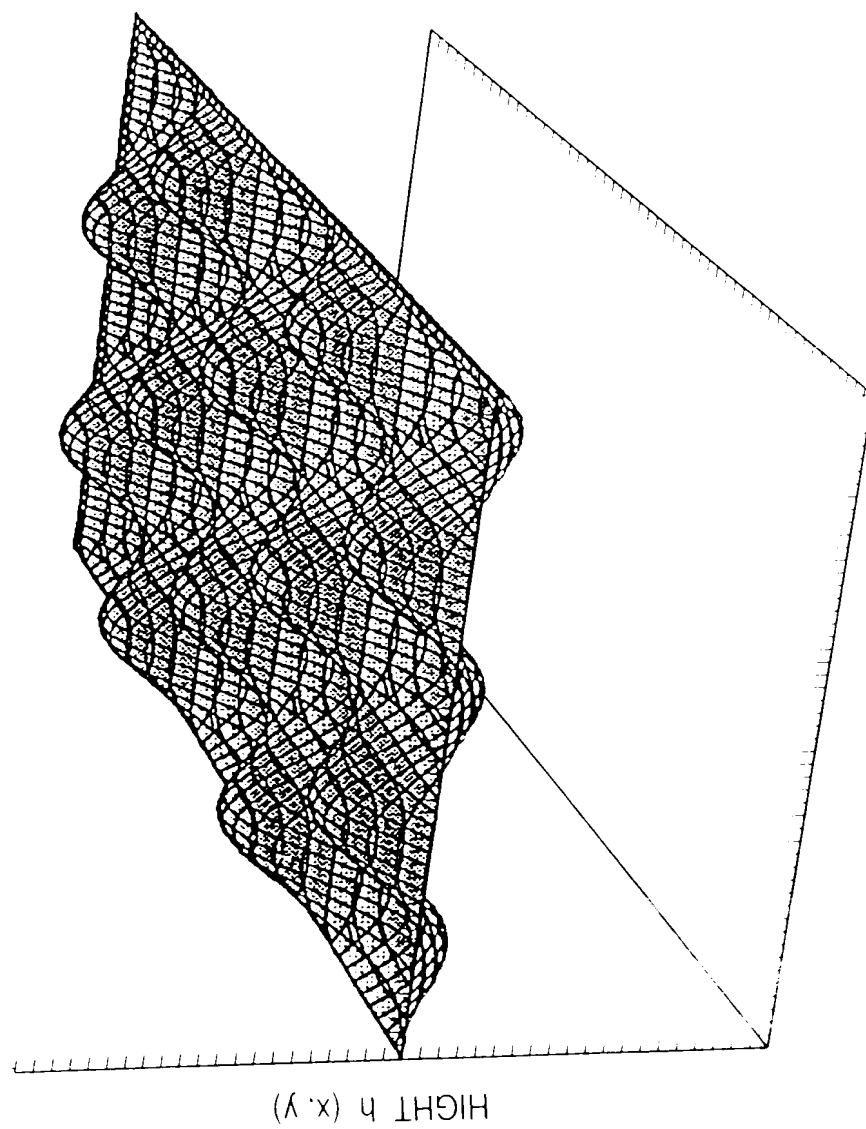


FIG. 2



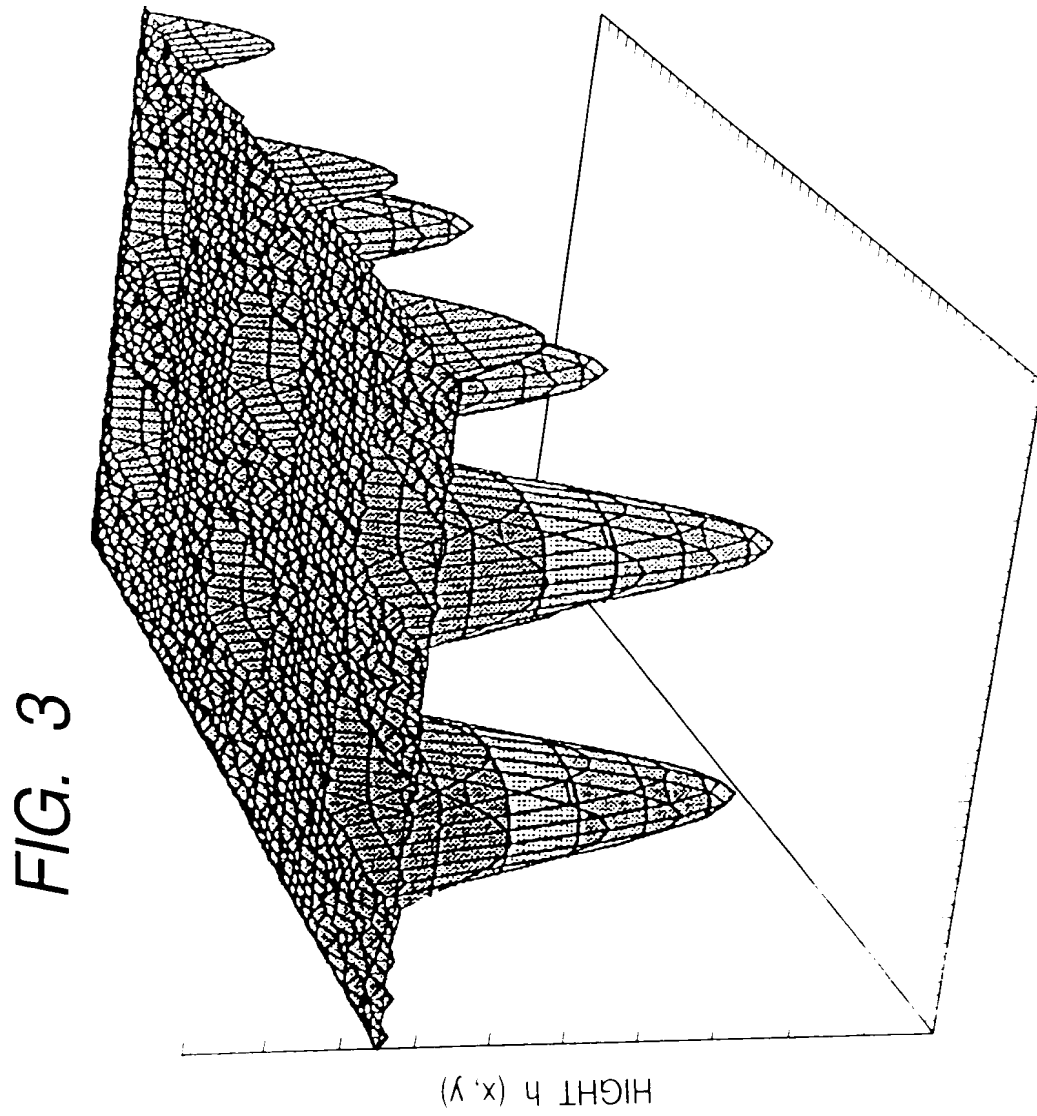


FIG. 4

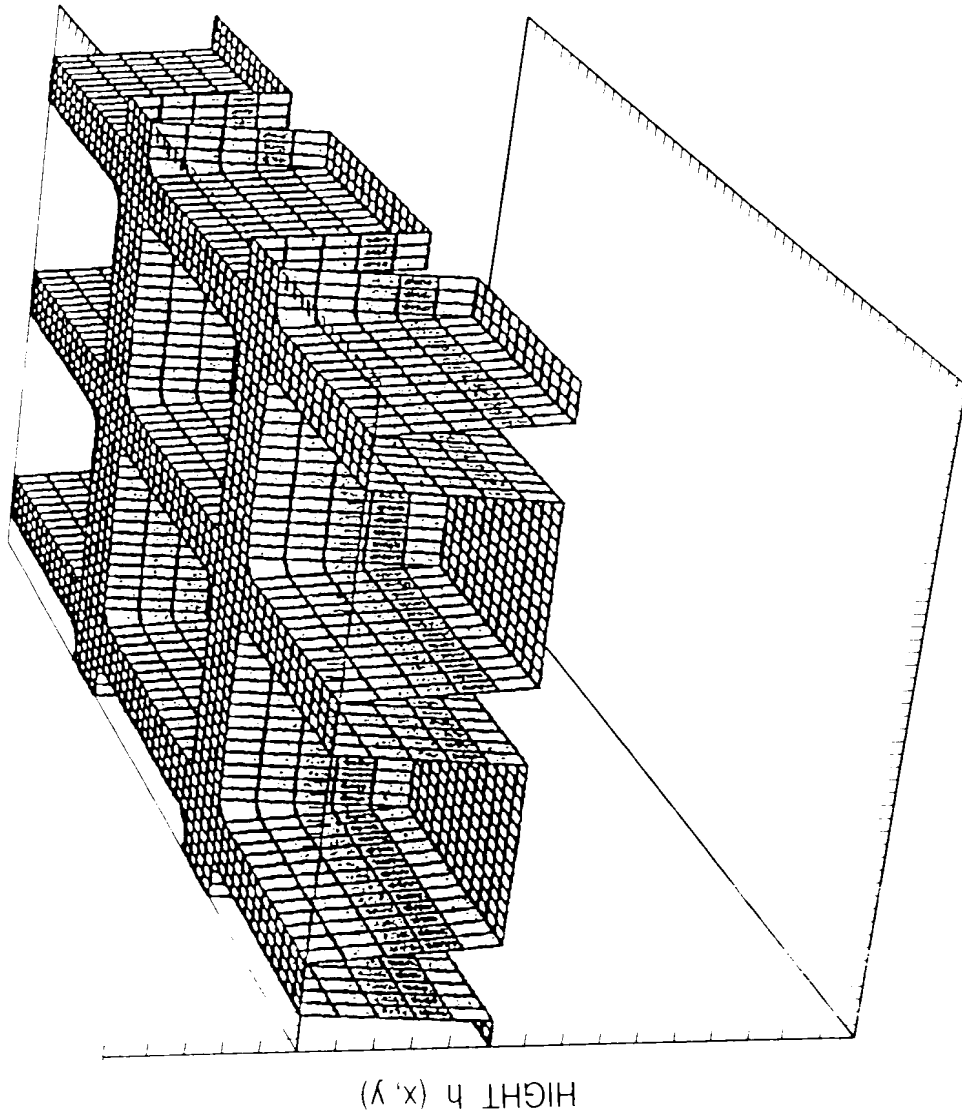
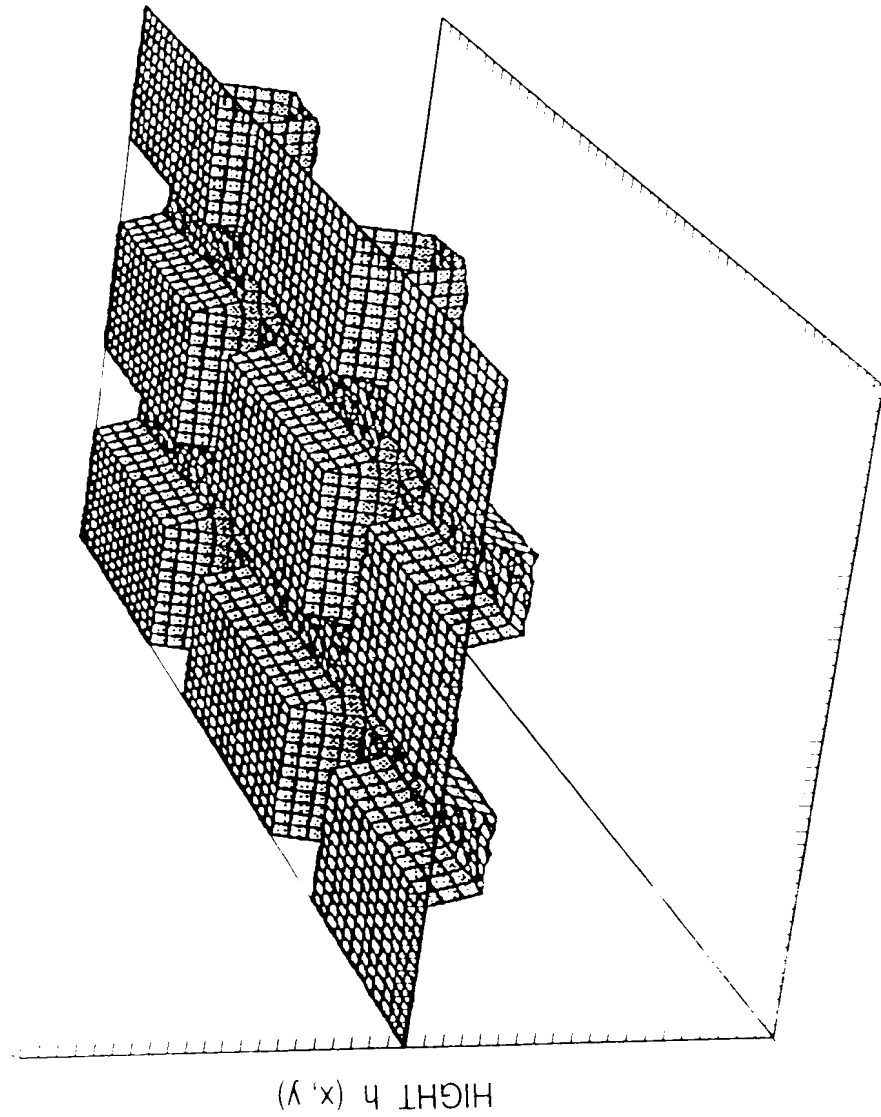


FIG. 5



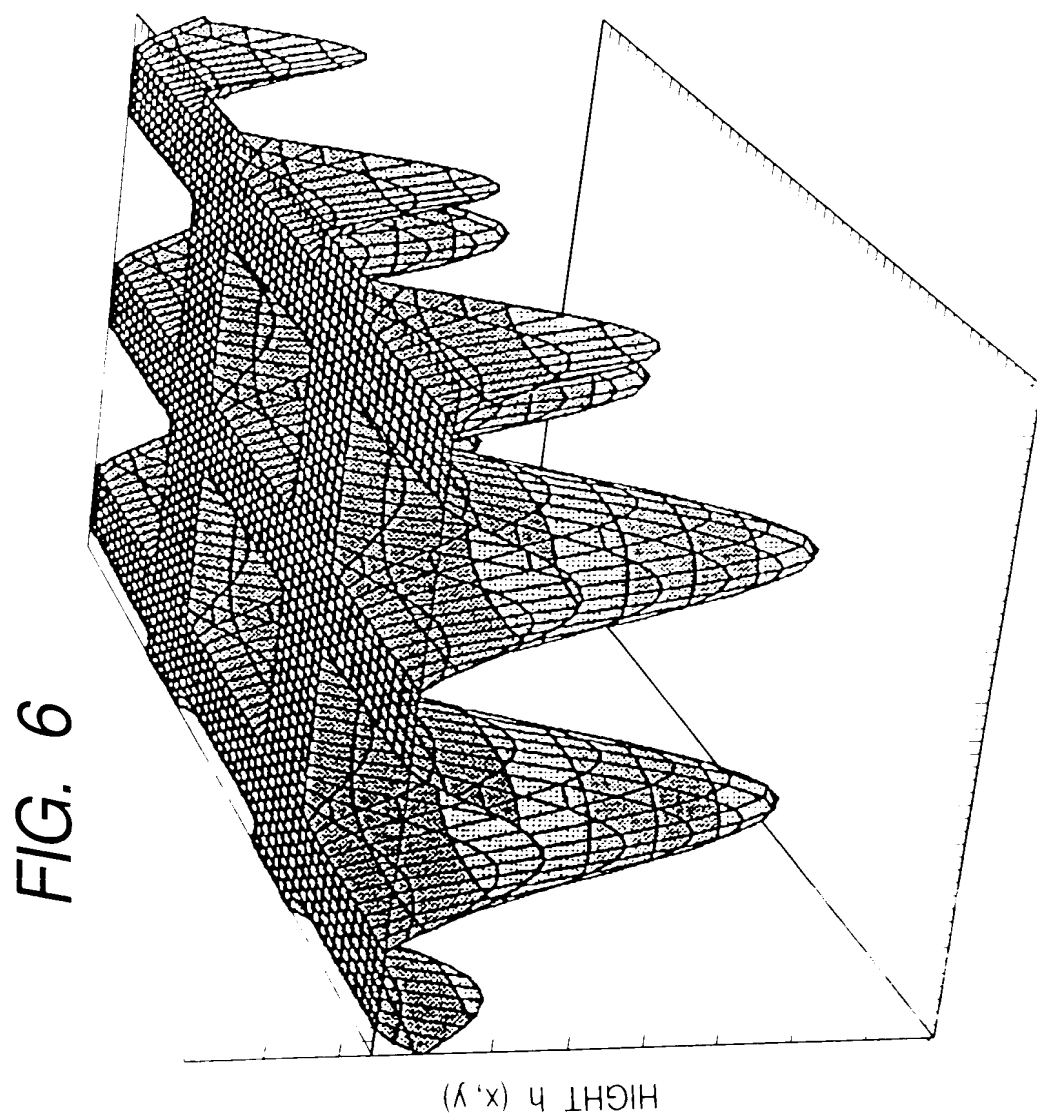


FIG. 7

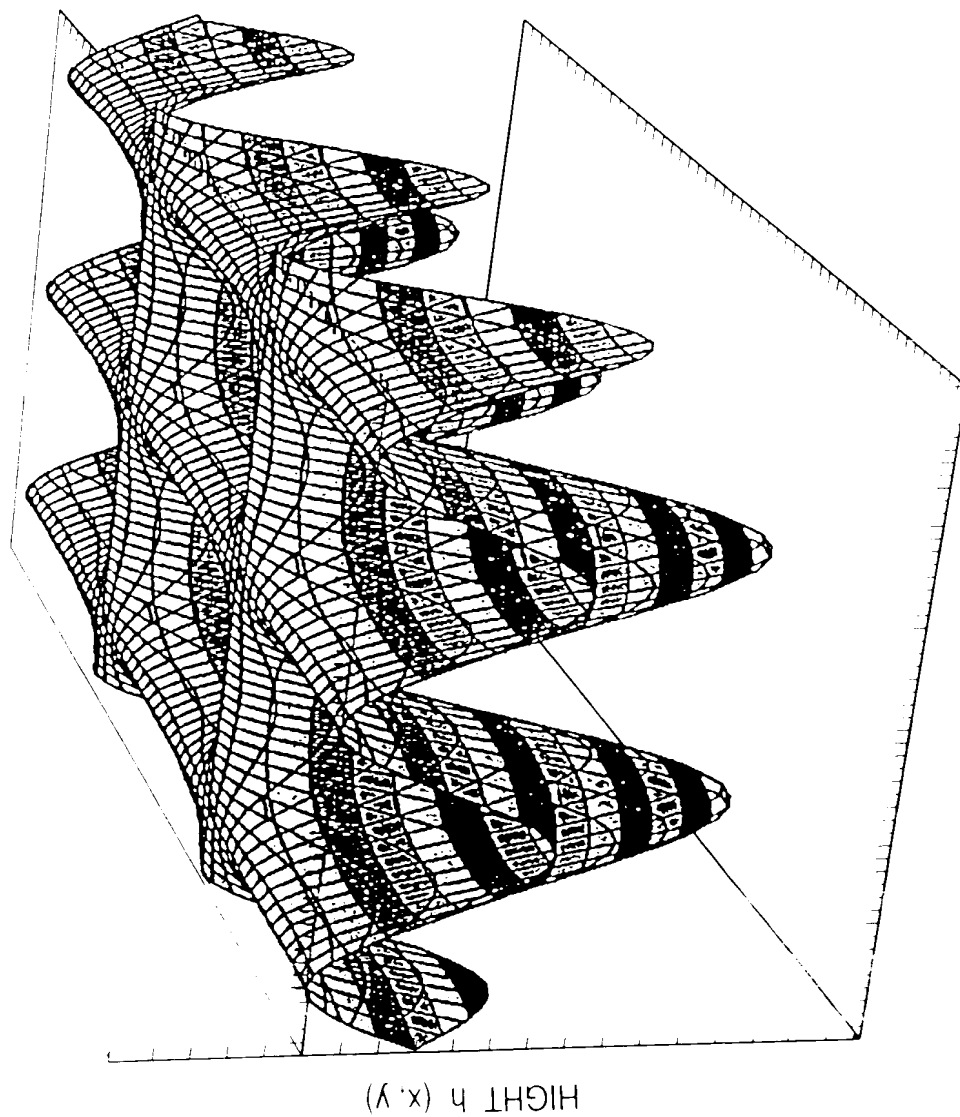
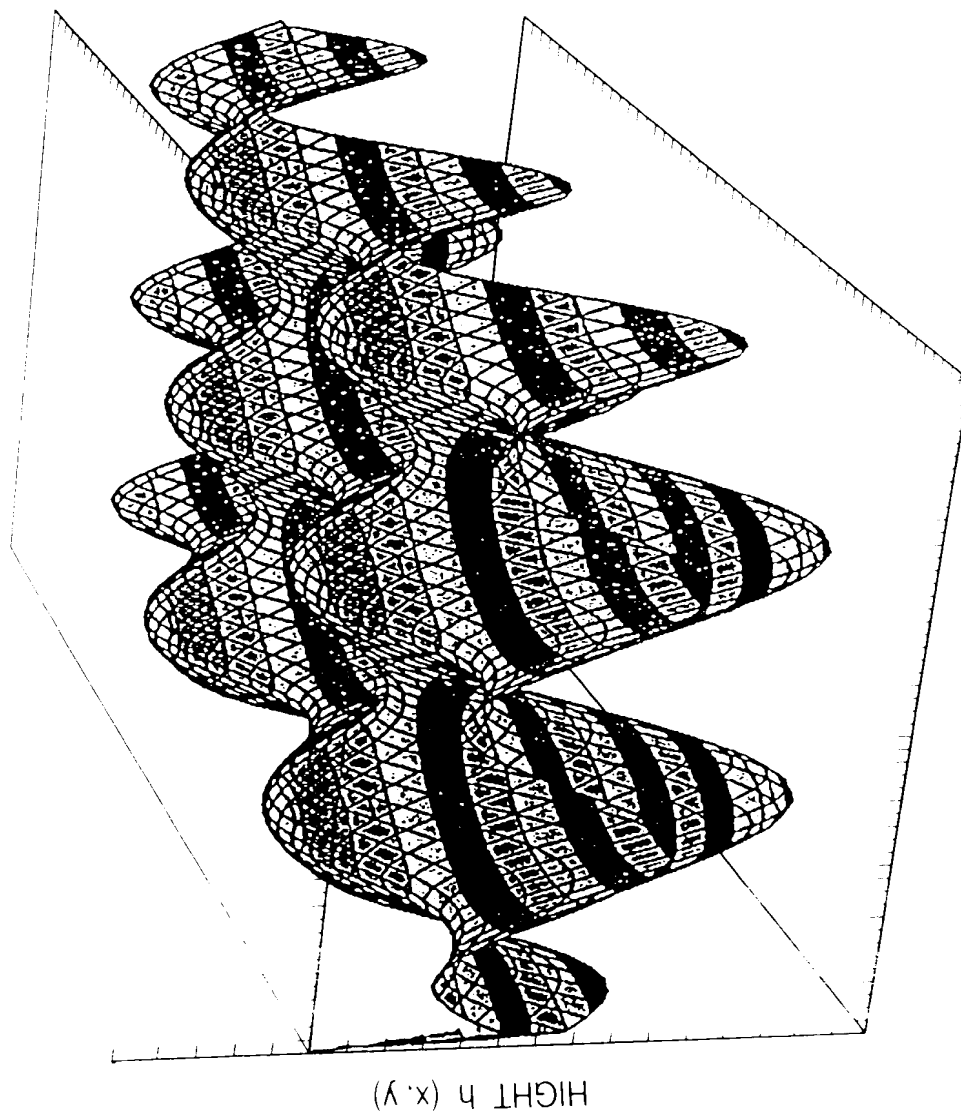


FIG. 8



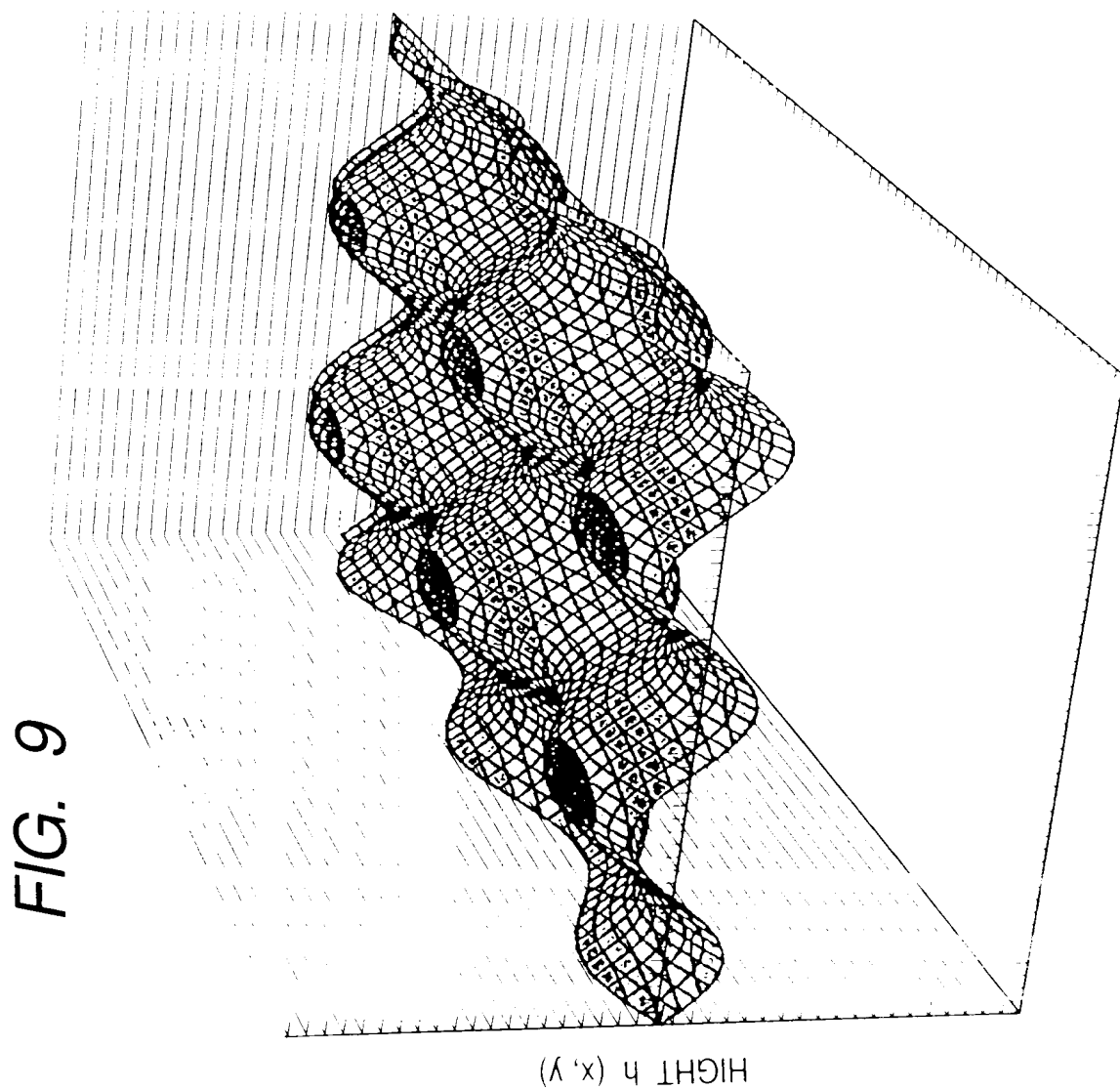
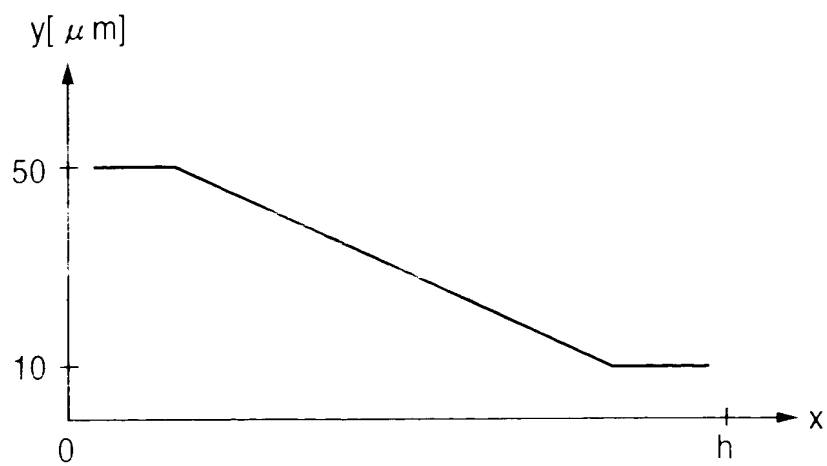
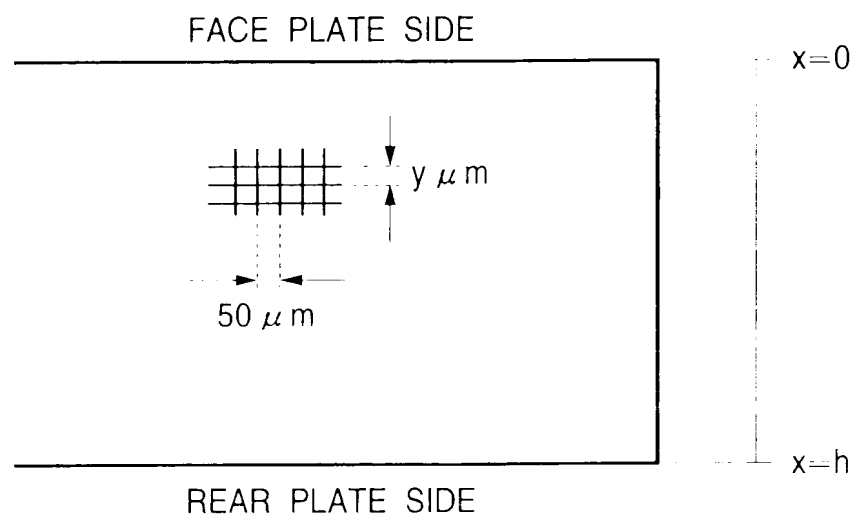


FIG. 10

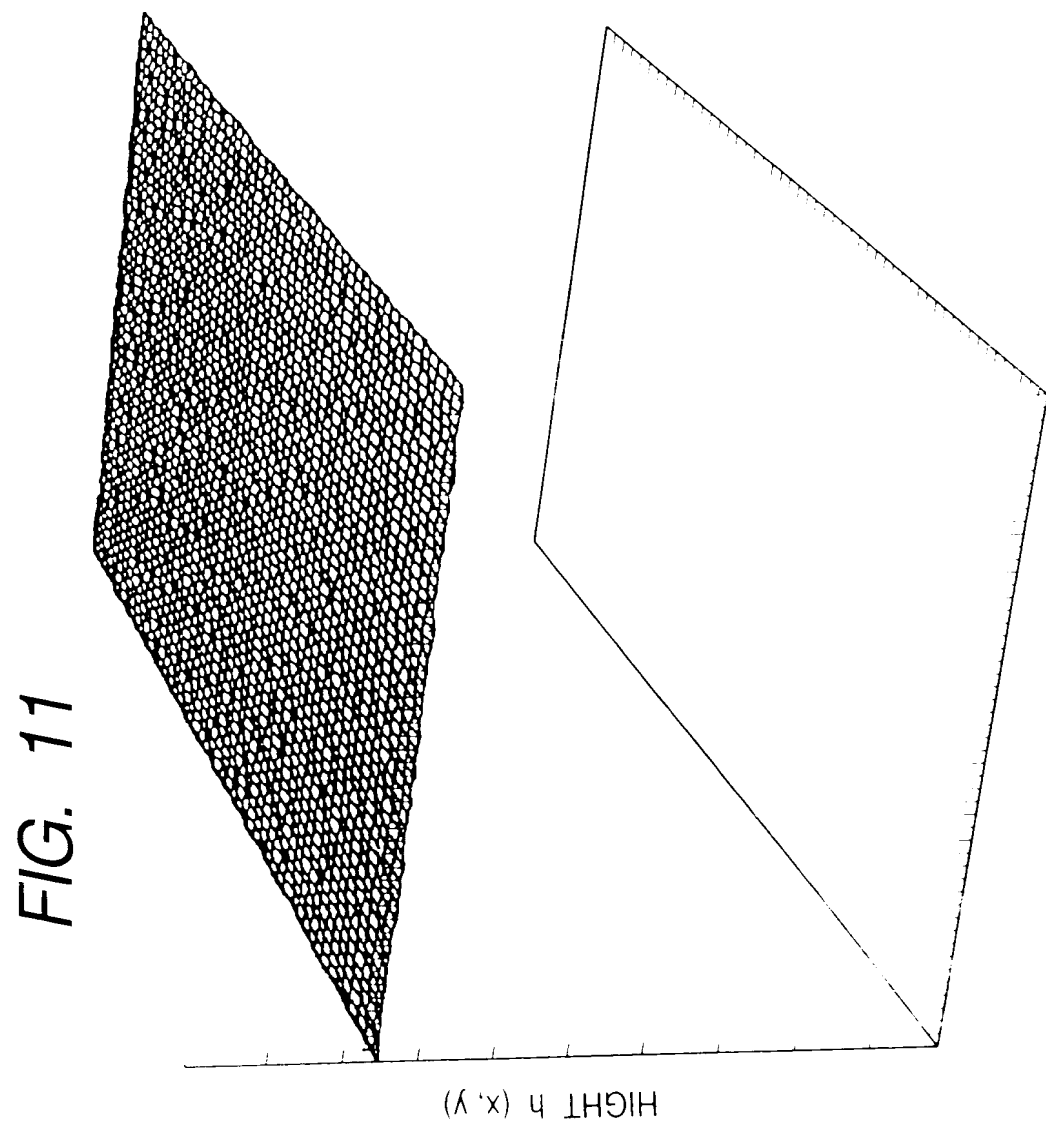


FIG. 12

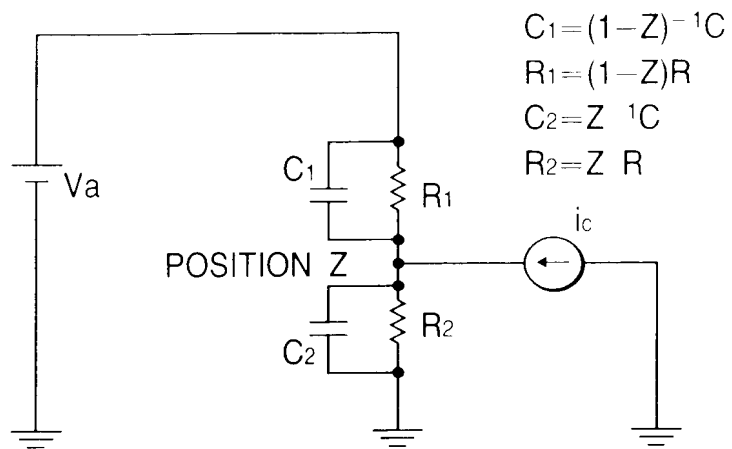


FIG. 13

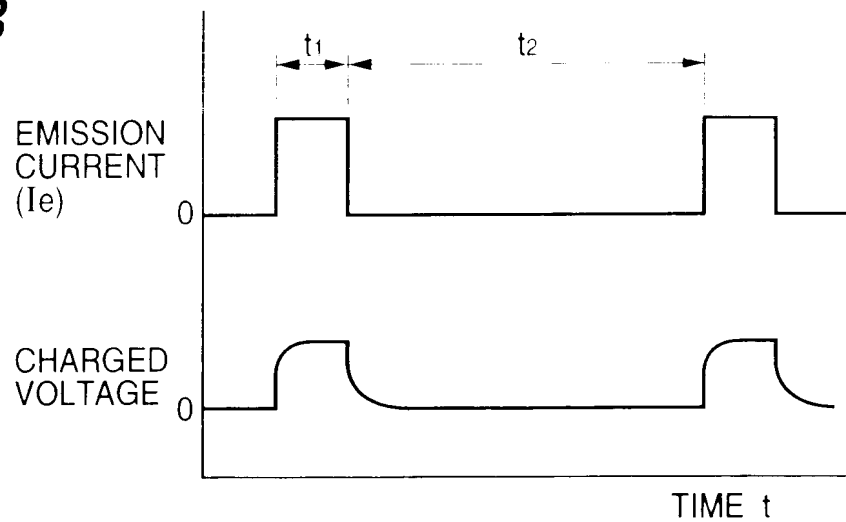


FIG. 14

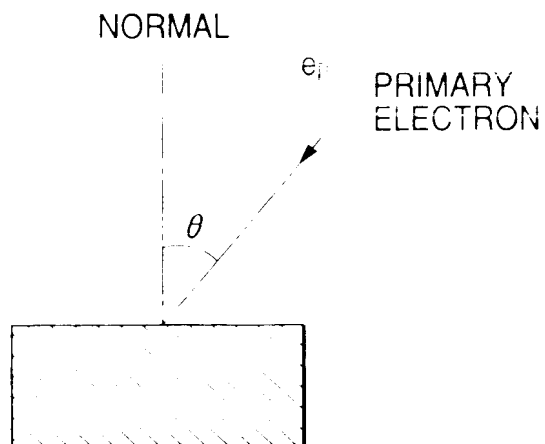


FIG. 15

INCIDENT ANGLE DEPENDENCY OF SECONDARY ELECTRON EMISSION COEFFICIENT

$$\frac{\delta\theta}{\delta_0} = \frac{1 - \left\{ 1 - \frac{m_0 \cos \theta}{1 + (m_1)^{-1} \times (m_0 \cos \theta)^{m_2}} \right\} \exp(-m_0 \cos \theta)}{1 - \left\{ 1 - \frac{m_0}{1 + (m_1)^{-1} \times m_0^{m_2}} \right\} \exp(-m_0)} \times \frac{1}{\cos \theta}$$

$$m_1 = 0.68273, \quad m_2 = 0.86212$$

CALCULATION OF δ INCIDENT ANGLE DEPENDENCY COEFFICIENT m_0 AND INCIDENT ANGLE MULTIPLICATION EFFECT

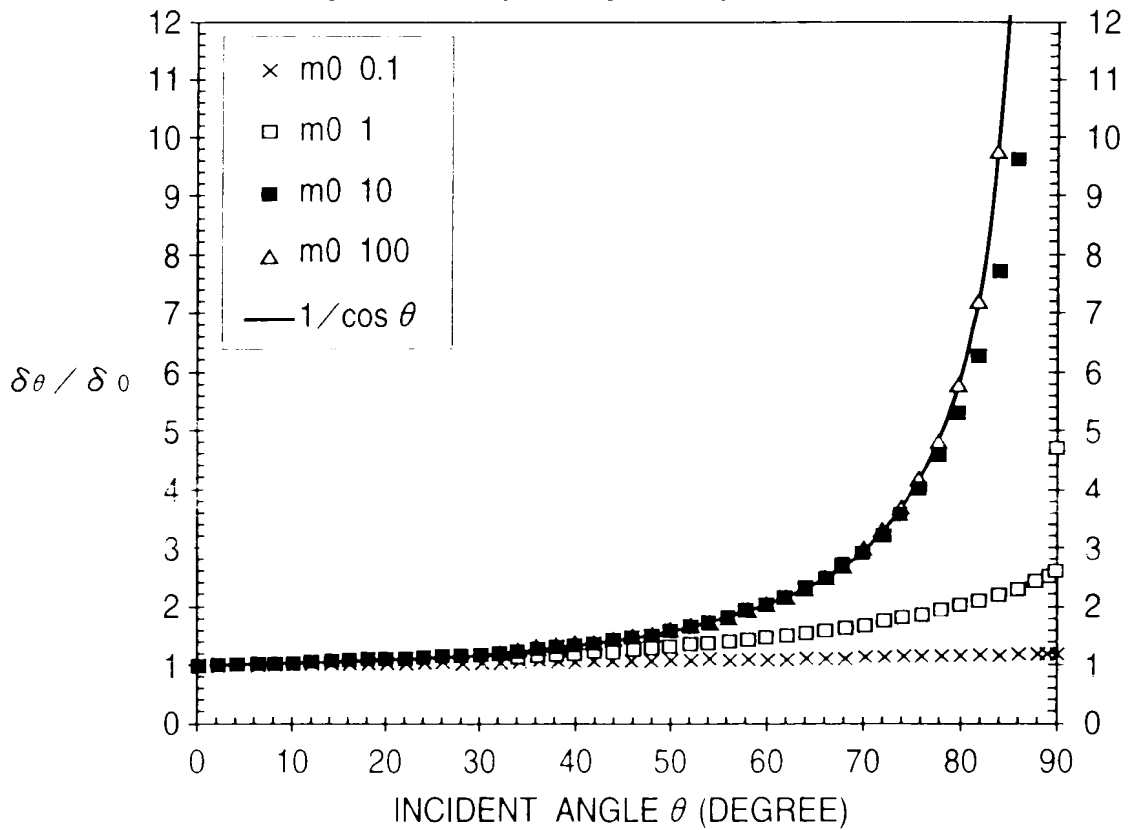


FIG. 16A

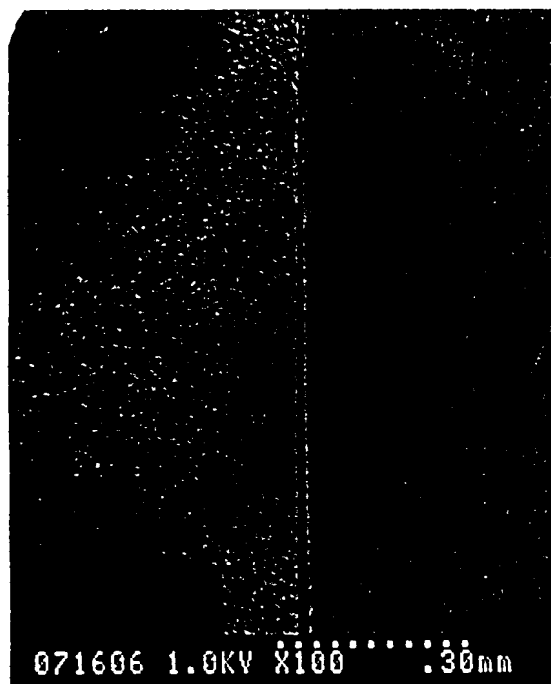


FIG. 16B

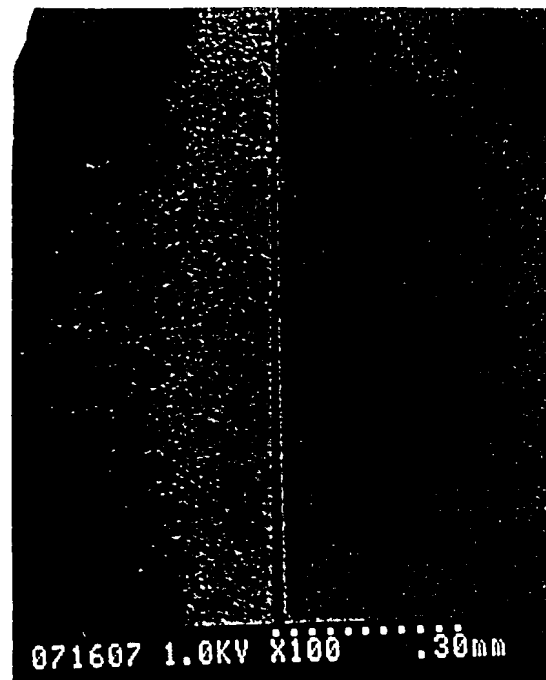


FIG. 16C

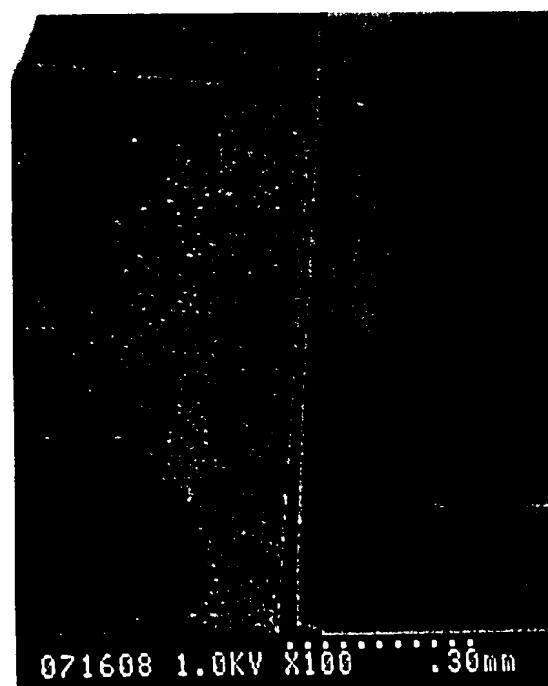


FIG. 17

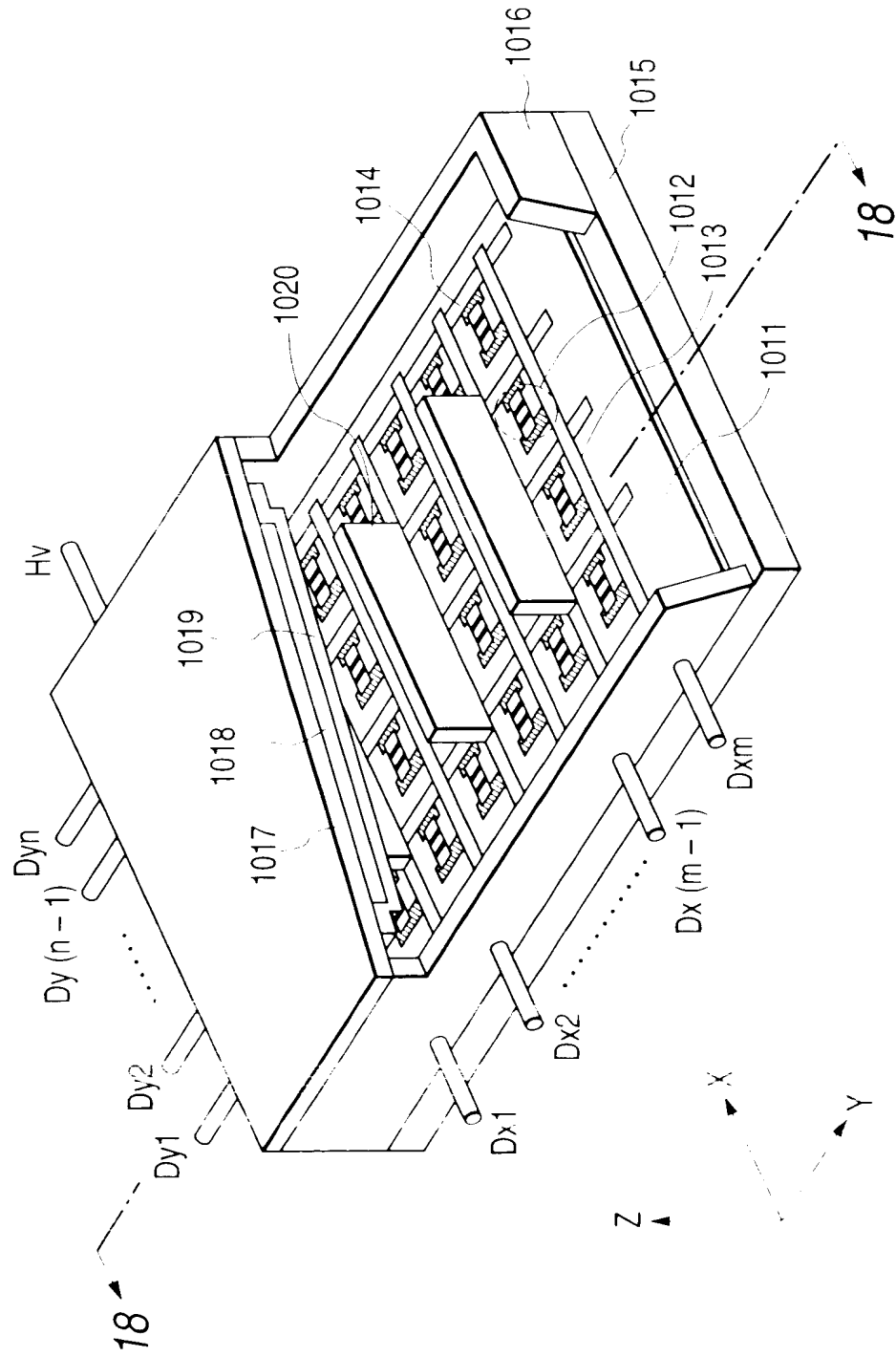


FIG. 18

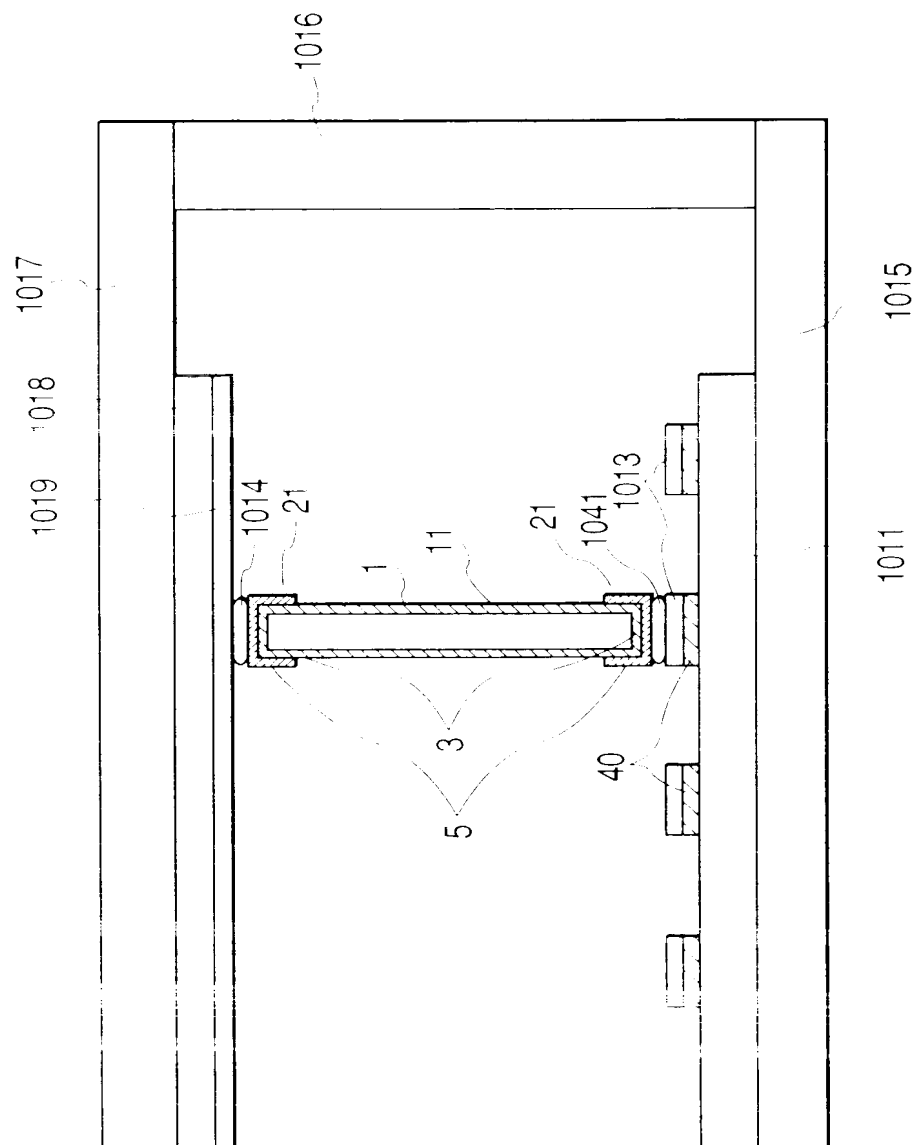


FIG. 19A

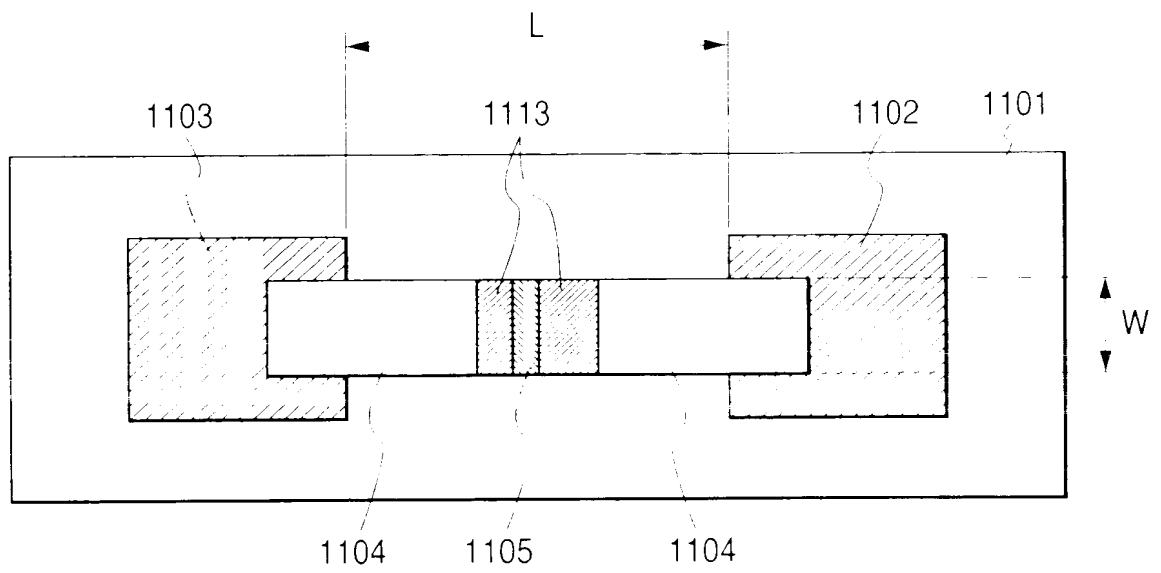


FIG. 19B

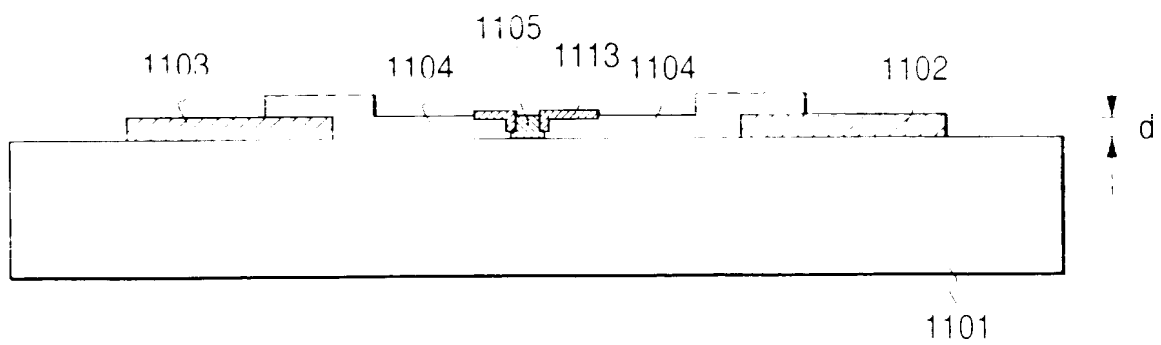


FIG. 20

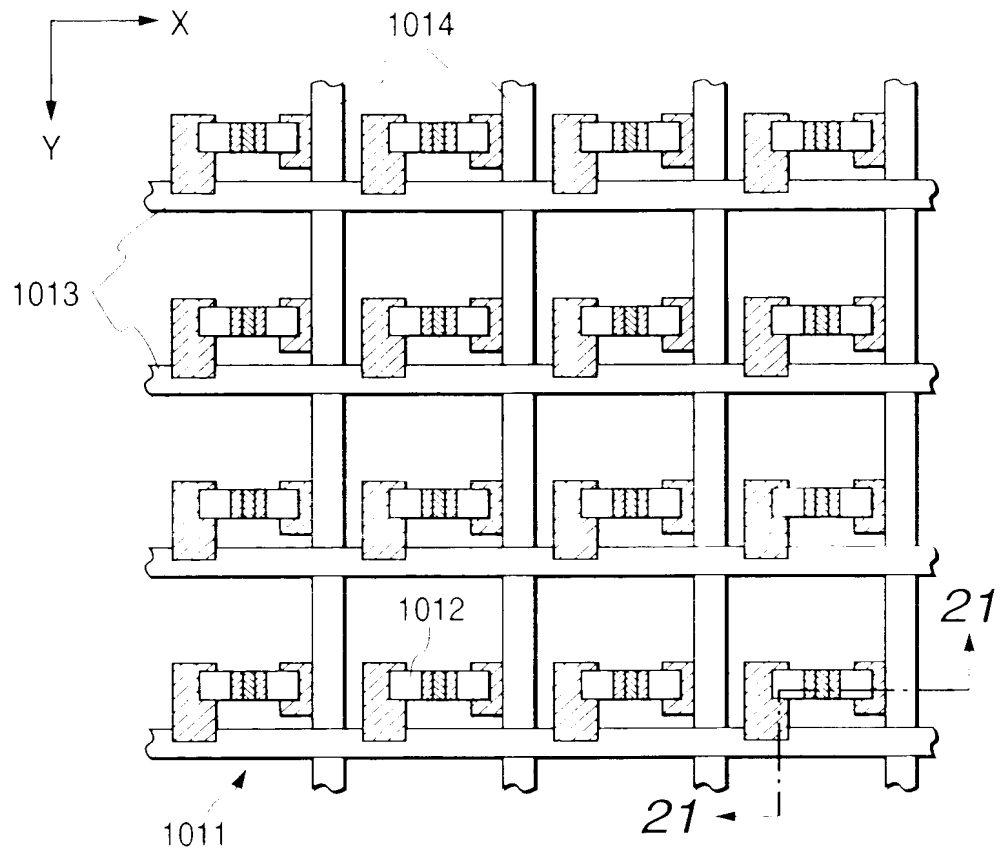


FIG. 21

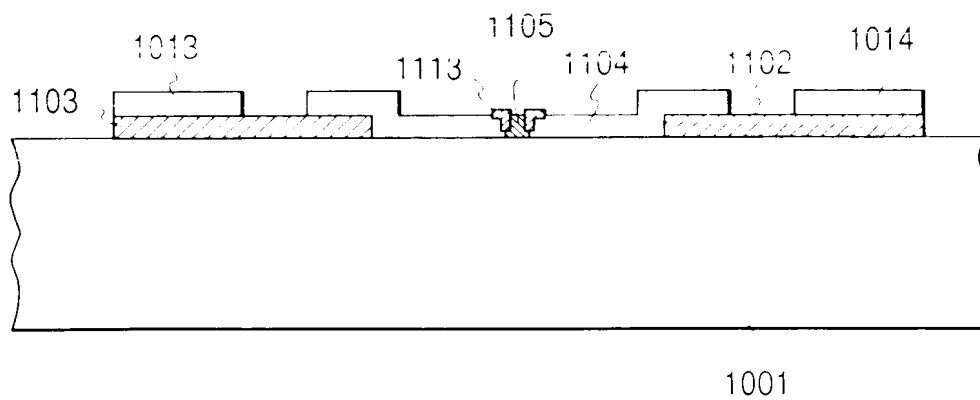


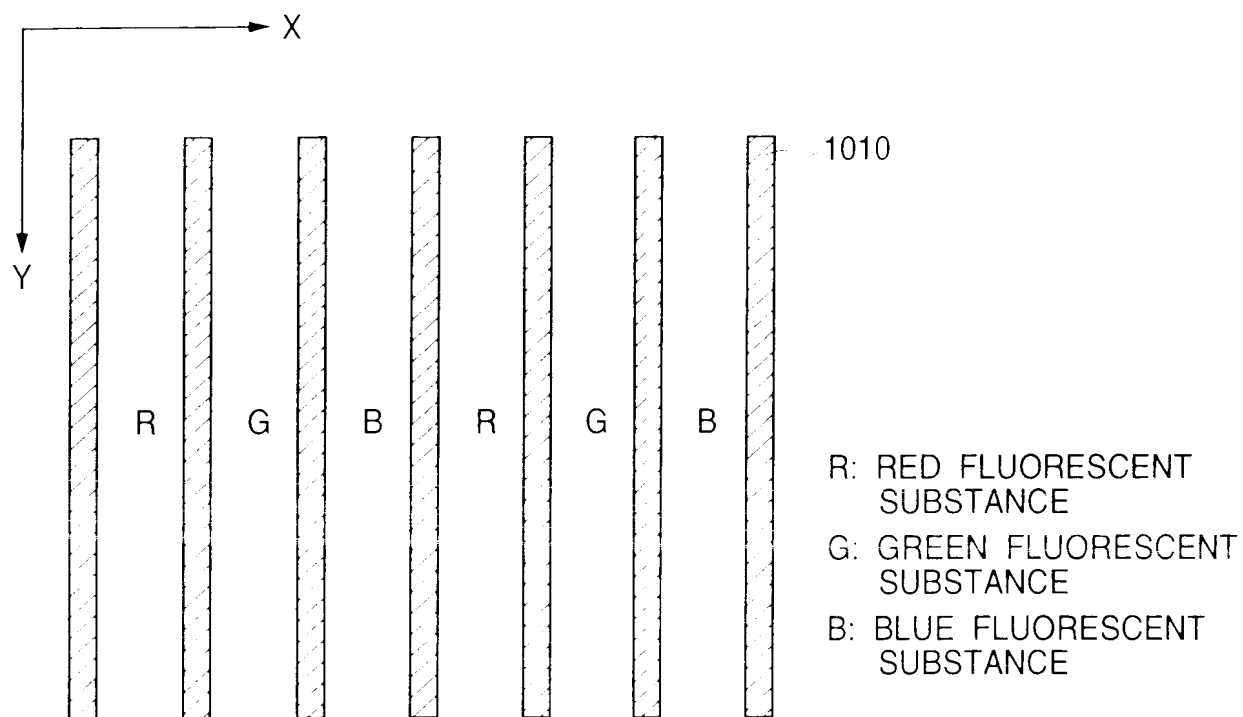
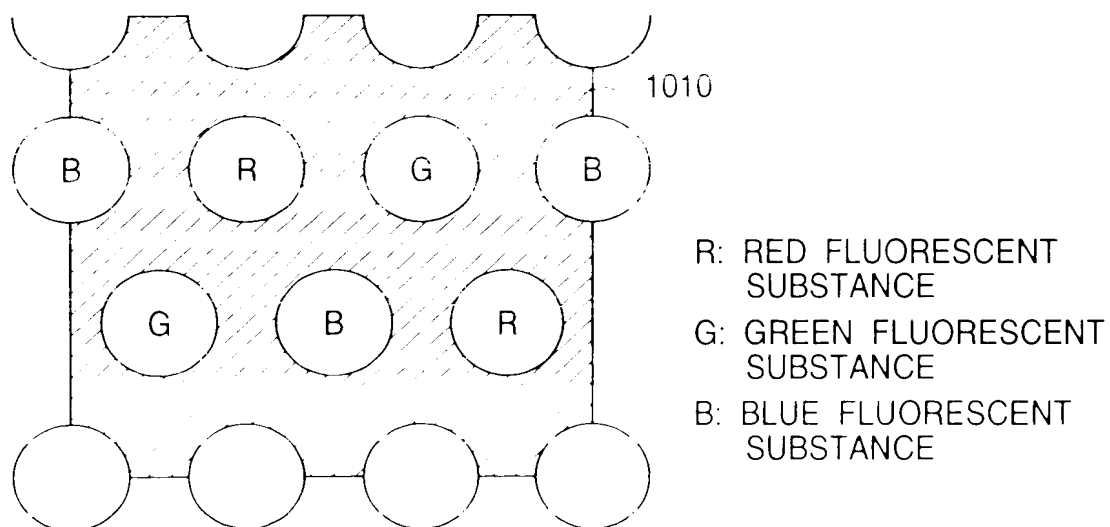
FIG. 22A*FIG. 22B*

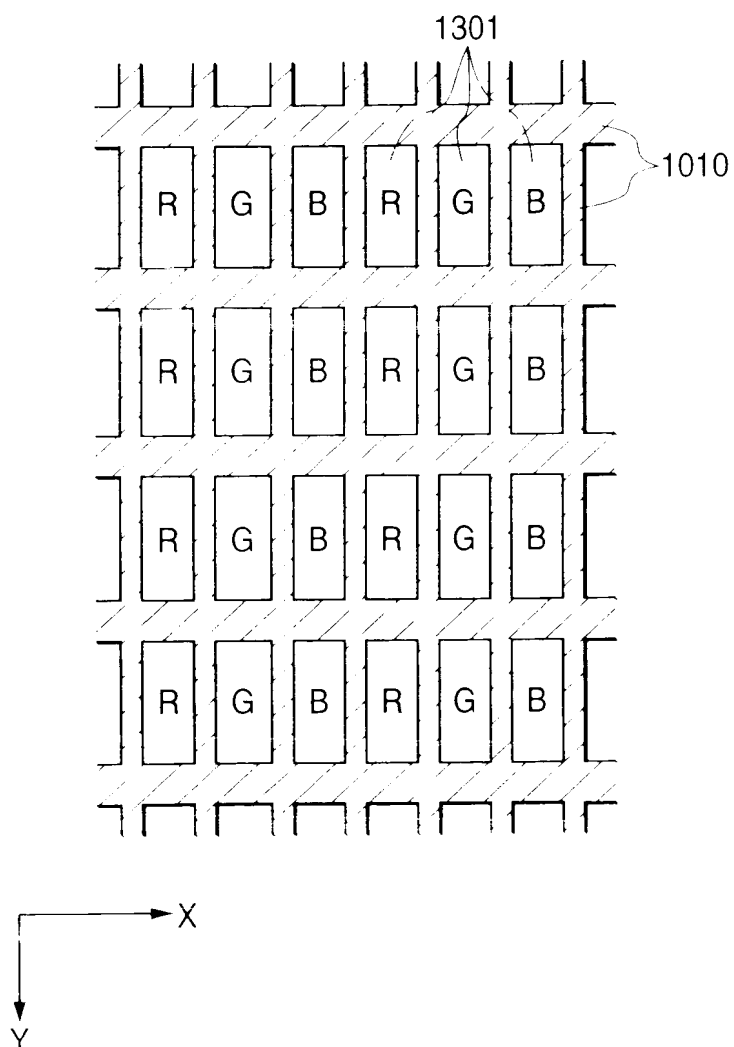
FIG. 23

FIG. 24A



FIG. 24B

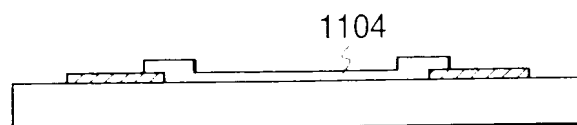


FIG. 24C

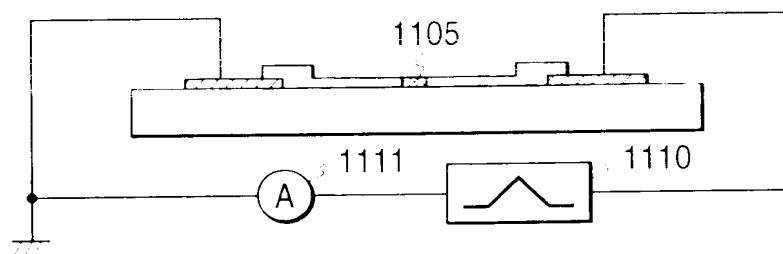


FIG. 24D

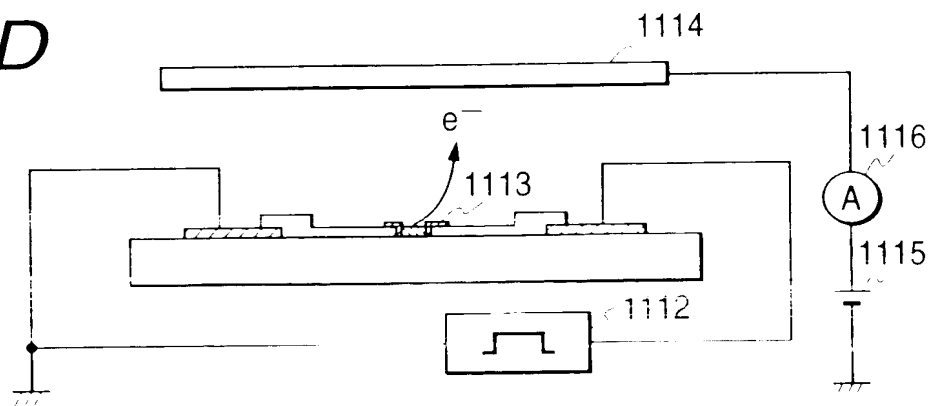


FIG. 24E

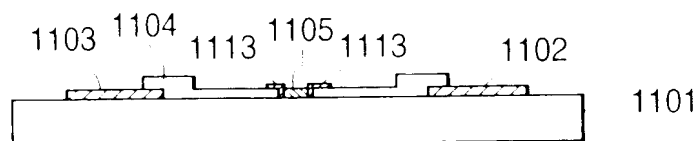


FIG. 27

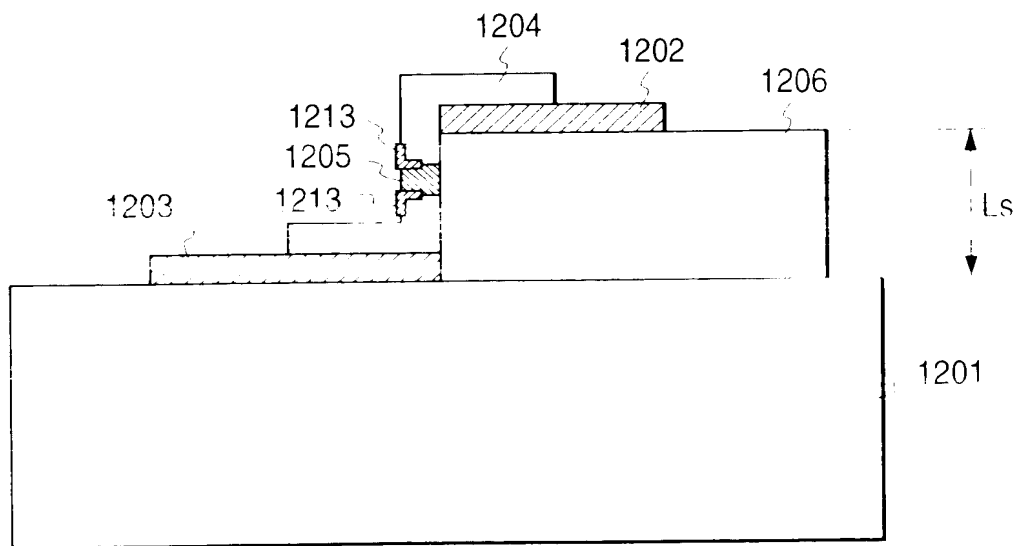


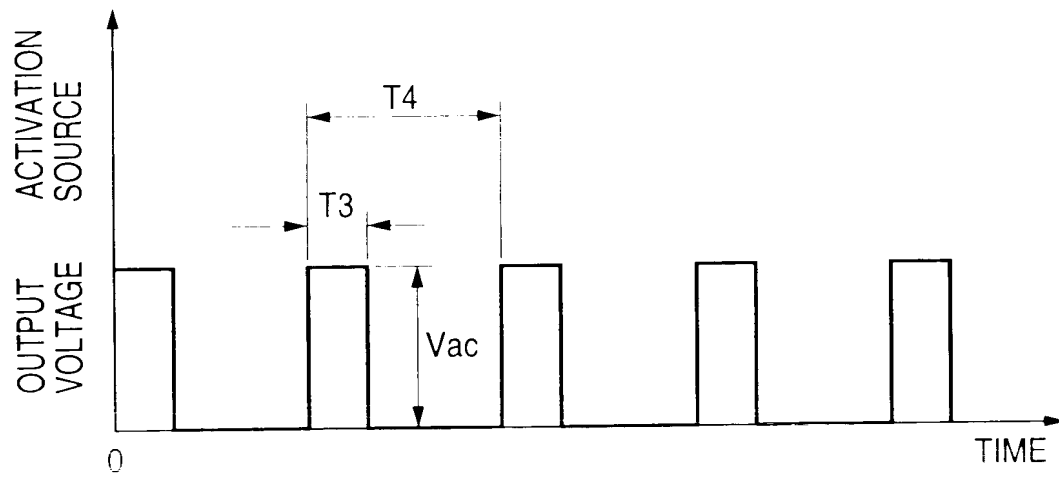
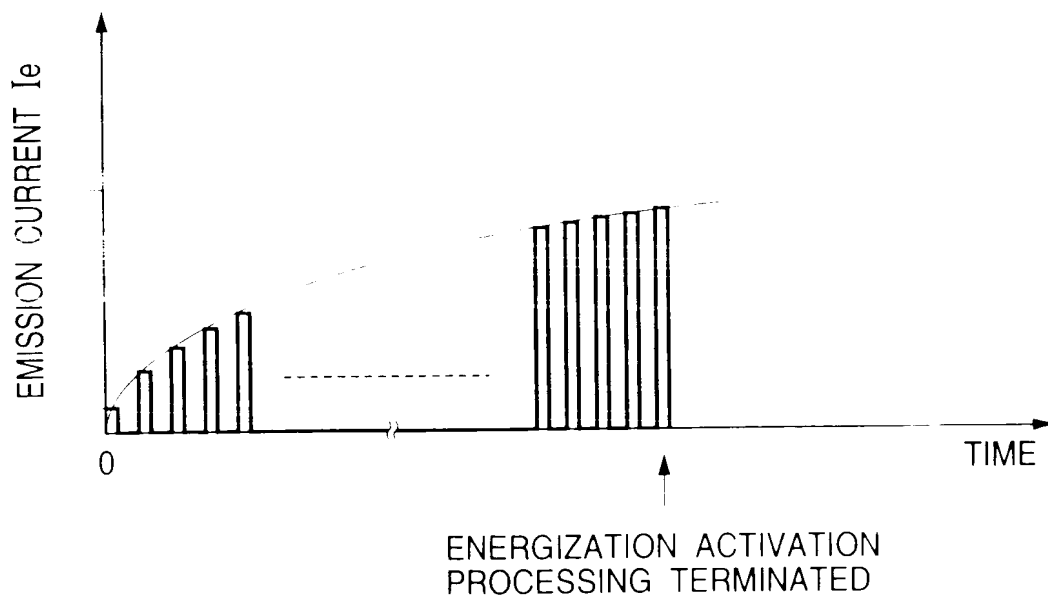
FIG. 26A*FIG. 26B*

FIG. 28A

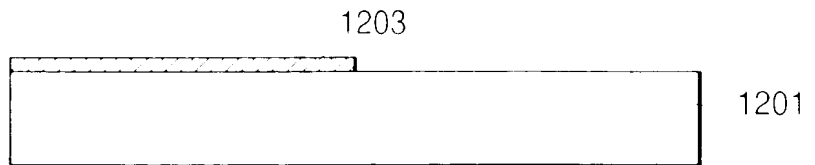


FIG. 28B

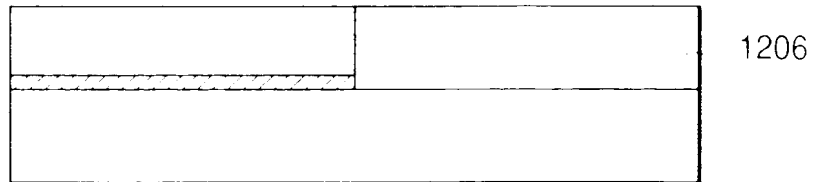


FIG. 28C

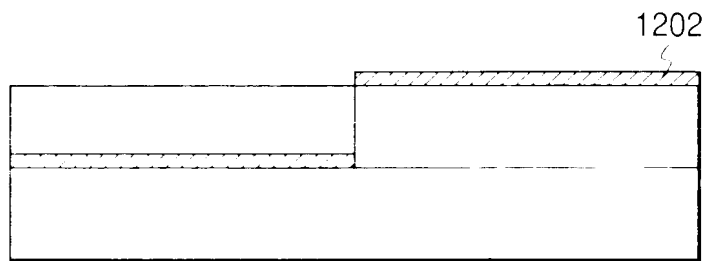


FIG. 28D

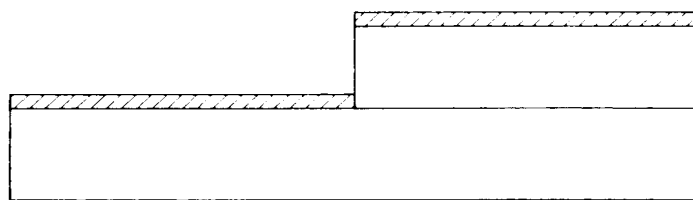


FIG. 28E

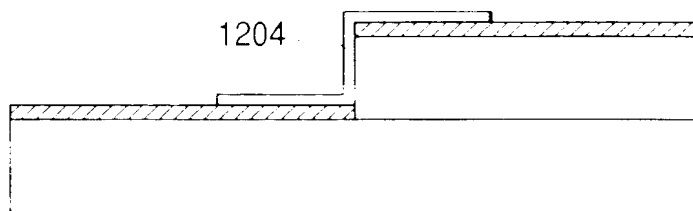


FIG. 28F

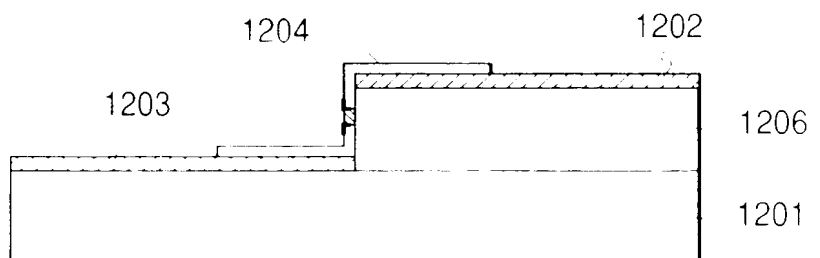


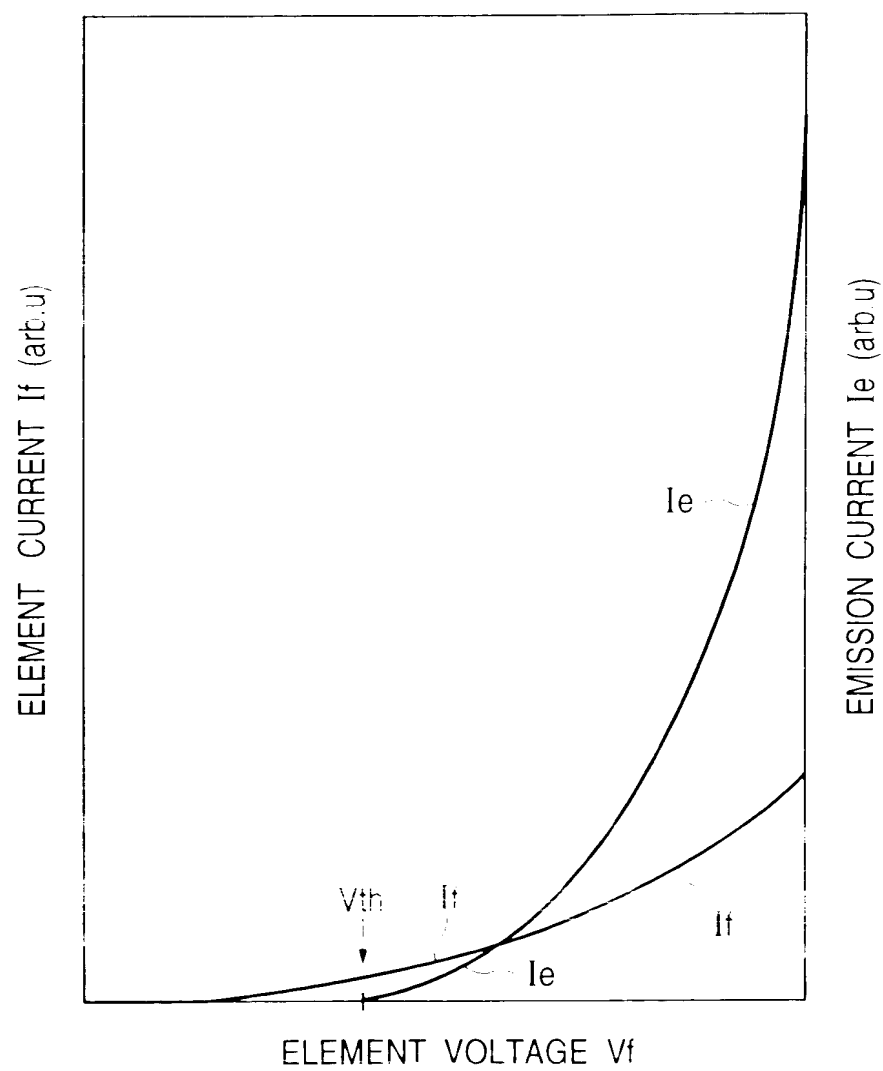
FIG. 29

FIG. 30

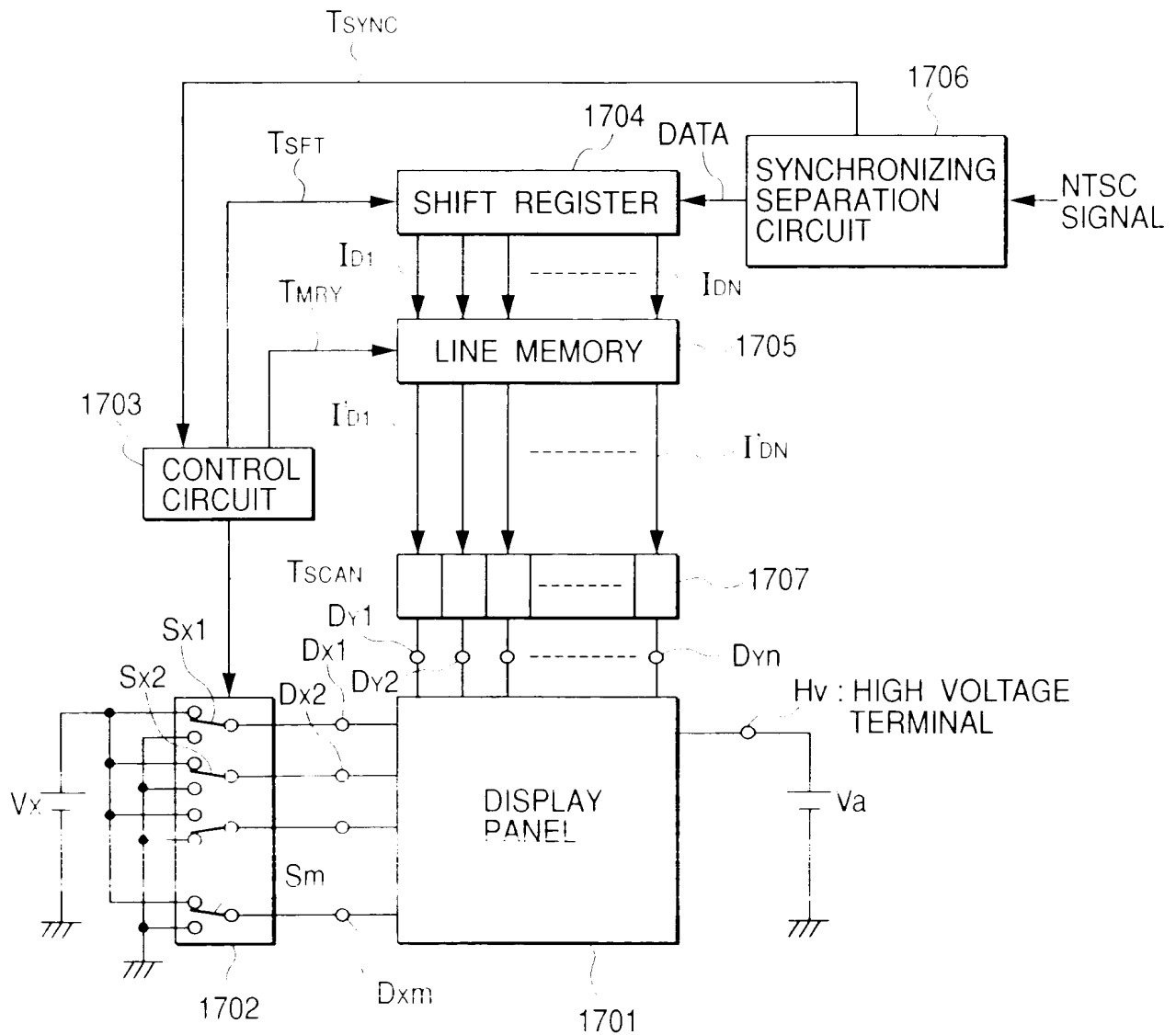


FIG. 31

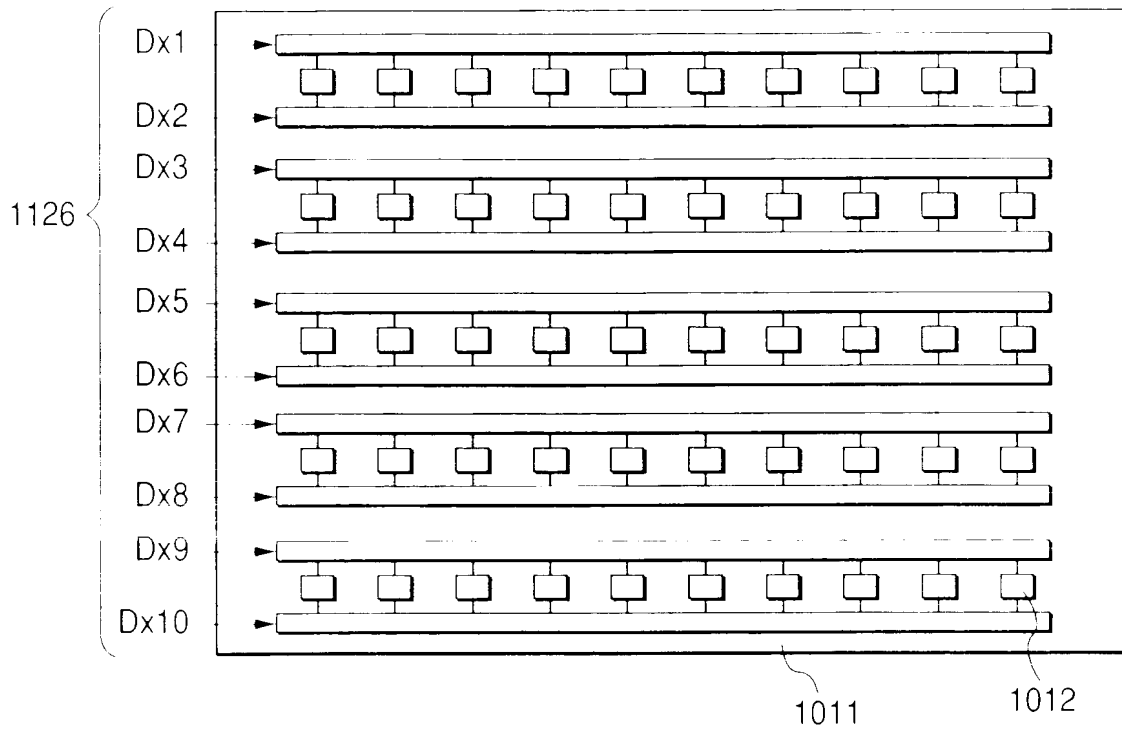
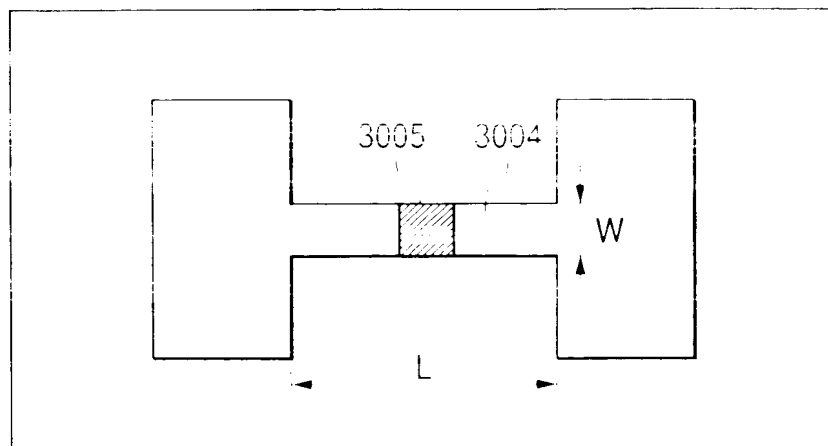


FIG. 33



3001

FIG. 32

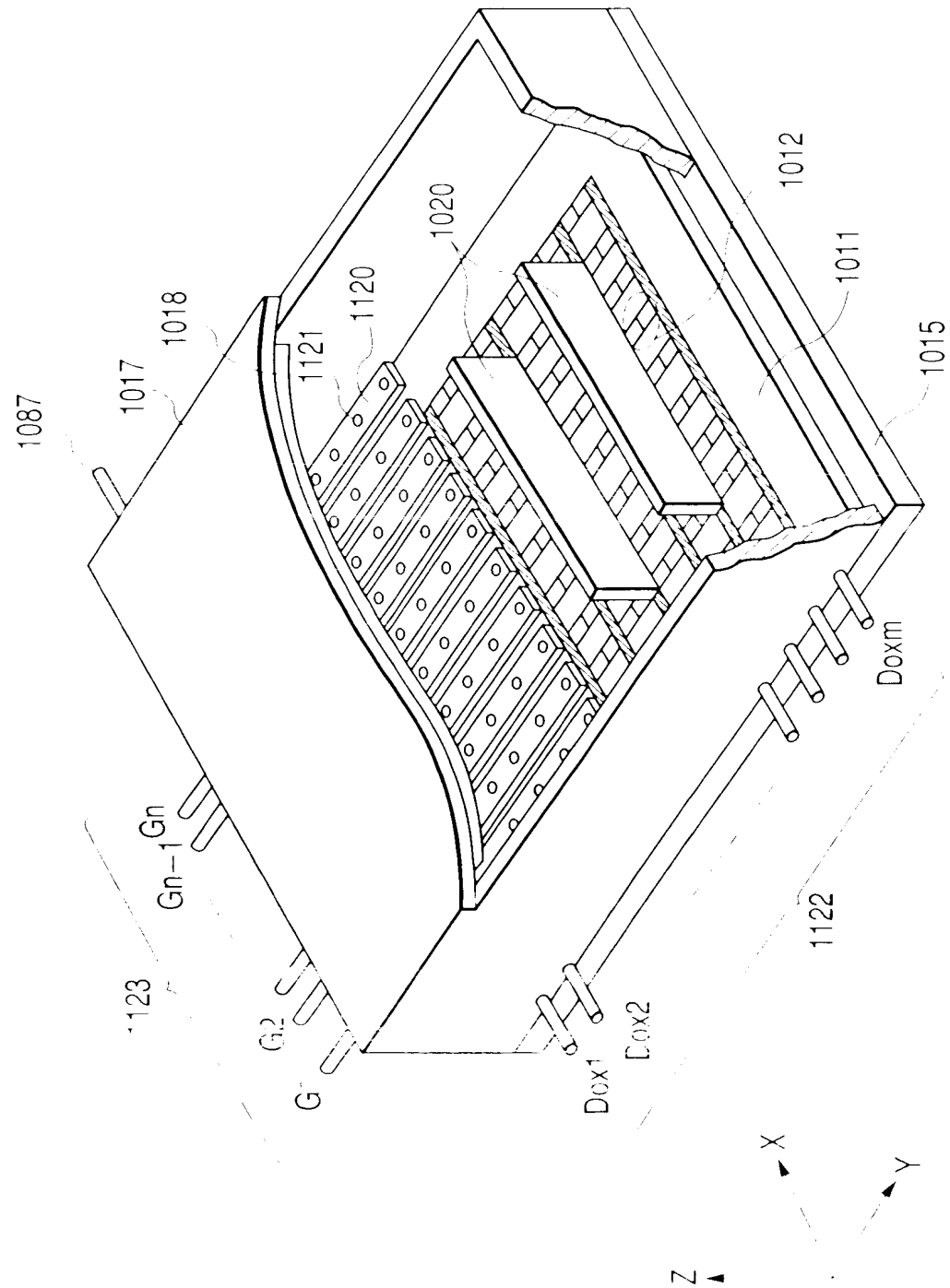


FIG. 34

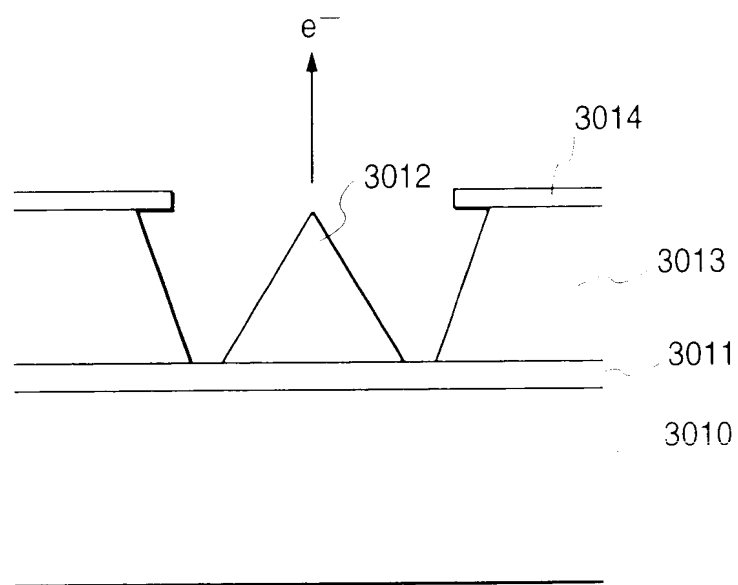


FIG. 35

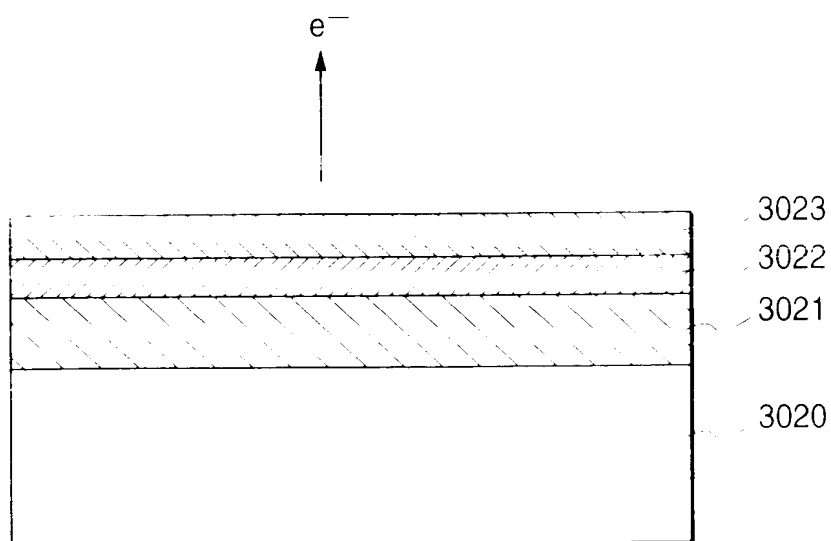


FIG. 36

